



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2008
Code: 11861448
SAU: Wiscasset School Department
School: Wiscasset Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 8

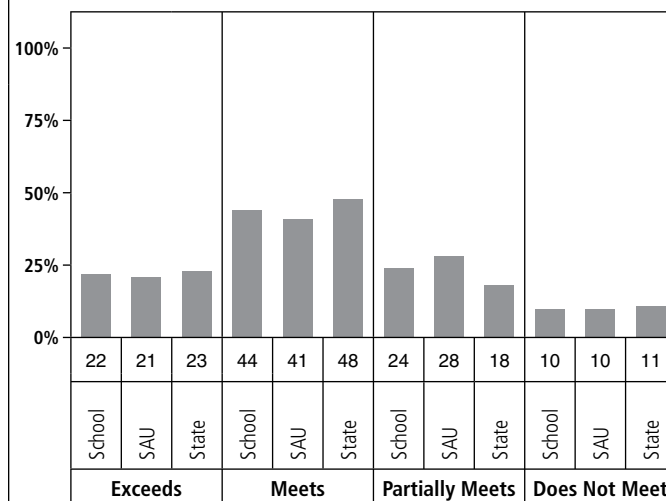
SAU: Wiscasset School Department

School: Wiscasset Middle School

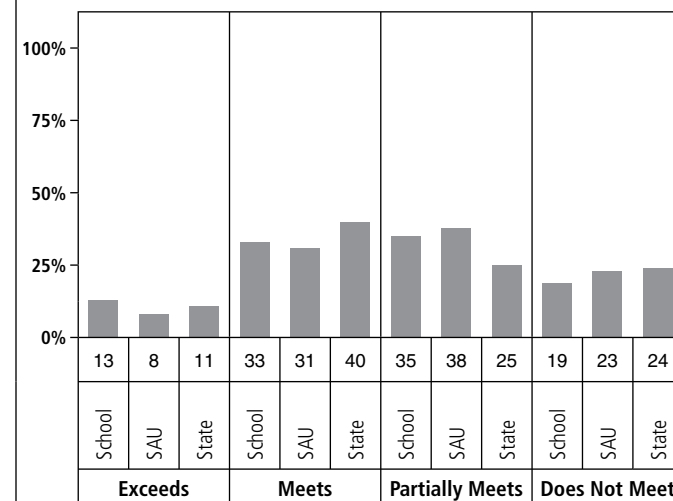
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	844	843	845
2006–2007	850	846	847
2007–2008	849	848	849
Cum. Avg. *	847	845	847
Mathematics			
2005–2006	840	840	840
2006–2007	843	841	842
2007–2008	842	838	841
Cum. Avg. *	842	840	841
Science & Technology			
2005–2006	846	845	846
2006–2007	849	847	847
2007–2008	844	842	847
Cum. Avg. *	846	845	847

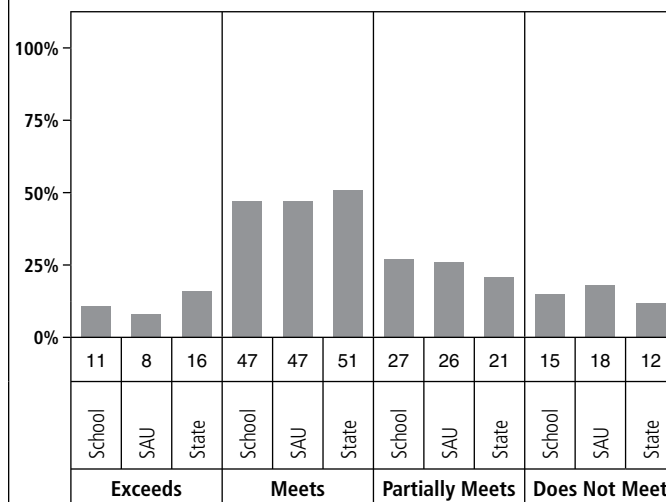
ELA – READING



MATHEMATICS



SCIENCE AND TECHNOLOGY



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 8
 SAU: Wiscasset School Department
 School: Wiscasset Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	64	100	39	100	15274	100	63	100	39	100	15102	99	63	100	39	100	15097	99	62	98	38	97	15080	99						
Ethnicity African American/Black	2	3	1	3	368	2	2	100	1	100	356	97	2	100	1	100	360	98	2	100	1	100	356	97						
American Indian or Native Alaskan	0	0	0	0	120	1	0	0	0	0	117	98	0	0	0	0	117	98	0	0	0	0	117	98						
Asian or Pacific Islander	0	0	0	0	186	1	0	0	0	0	181	97	0	0	0	0	182	98	0	0	0	0	182	98						
Hispanic	0	0	0	0	139	1	0	0	0	0	136	98	0	0	0	0	136	98	0	0	0	0	136	98						
Caucasian/White	62	97	38	97	14461	95	61	100	38	100	14312	99	61	100	38	100	14302	99	60	98	37	97	14289	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	14	22	10	26	2508	16	13	100	10	100	2446	98	13	100	10	100	2441	98	12	92	9	90	2431	98						
Current LEP	0	0	0	0	327	2	0	0	0	0	316	97	0	0	0	0	322	99	0	0	0	0	322	99						
Economically disadvantaged	28	44	18	46	5420	35	27	100	18	100	5329	99	27	100	18	100	5324	99	27	100	18	100	5313	98						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	48	75	28	72	12703	83	48	75	28	72	12694	83	48	75	28	72	12710	83						
Identified disability (PET/IEP)	1	2	0	0	437	3	1	2	0	0	421	3	1	2	0	0	445	4						
LEP	0	0	0	0	172	1	0	0	0	0	172	1	0	0	0	0	173	1						
504 plan	1	2	1	4	229	2	1	2	1	4	231	2	1	2	1	4	230	2						
Participation with accommodations	15	23	11	28	2221	15	15	23	11	28	2227	15	14	22	10	26	2197	14						
Identified disability (PET/IEP)	12	80	10	91	1832	82	12	80	10	91	1844	83	11	79	9	90	1813	83						
LEP	0	0	0	0	136	6	0	0	0	0	143	6	0	0	0	0	142	6						
504 plan	1	7	1	9	68	3	1	7	1	9	66	3	1	7	1	10	66	3						
Other	2	13	0	0	213	10	2	13	0	0	202	9	2	14	0	0	204	9						
Participation through alternate assessment (PAAP)	0	0	0	0	177	1	0	0	0	0	176	1	0	0	0	0	173	1						
Identified disability (PET/IEP)	0	0	0	0	177	100	0	0	0	0	176	100	0	0	0	0	173	100						
LEP	0	0	0	0	7	4	0	0	0	0	7	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																		
Approved non-participation – special consideration	1	2	0	0	32	0	1	2	0	0	34	0	1	2	0	0	34	0						
Non-participation – other	0	0	0	0	140	1	0	0	0	0	143	1	1	2	1	3	160	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 861–880)	2005-2006	15	19	9	16	2695	17
	2006-2007	19	30	14	27	2407	16
	2007-2008	14	22	8	21	3428	23
	Cum. Total*	48	23	31	21	8530	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 841–860)	2005-2006	31	38	23	41	6830	42
	2006-2007	20	32	14	27	7494	49
	2007-2008	28	44	16	41	7179	48
	Cum. Total*	79	38	53	36	21503	46
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 829–840)	2005-2006	17	21	11	20	3741	23
	2006-2007	20	32	18	35	3628	24
	2007-2008	15	24	11	28	2706	18
	Cum. Total*	52	25	40	27	10075	22
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 800–828)	2005-2006	18	22	13	23	3003	18
	2006-2007	4	6	5	10	1810	12
	2007-2008	6	10	4	10	1611	11
	Cum. Total*	28	14	22	15	6424	14

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	36.4	65.0	35.7	63.8	36.9	65.9
Literary Text	28	50	17.9	63.9	17.5	62.5	18.3	65.4
Informational Text	28	50	18.5	66.1	18.2	65.0	18.6	66.4

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 8
 SAU: Wiscasset School Department
 School: Wiscasset Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	63	14	22	28	44	15	24	6	10	849	39	21	41	28	10	848	14924	23	48	18	11	849
Ethnicity																						
African American/Black	2										1						348	11	38	22	29	840
American Indian or Native Alaskan	0										0						117	9	43	29	19	842
Asian or Pacific Islander	0										0						179	32	39	18	11	852
Hispanic	0										0						131	18	38	27	17	846
Caucasian/White	61	13	21	27	44	15	25	6	10	849	38	18	42	29	11	847	14149	23	49	18	10	850
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	5	38	3	23	5	38	832	10	0	30	30	40	830	2269	3	24	32	42	833
No	50	14	28	23	46	12	24	1	2	853	29	28	45	28	0	854	12655	27	52	16	5	852
Current LEP																						
Yes	0										0						308	8	30	27	34	837
No	63	14	22	28	44	15	24	6	10	849	39	21	41	28	10	848	14616	23	48	18	10	850
Economically disadvantaged																						
Yes	27	2	7	14	52	6	22	5	19	842	18	11	44	22	22	841	5222	12	44	25	19	843
No	36	12	33	14	39	9	25	1	3	854	21	29	38	33	0	853	9702	29	50	14	7	853
Migrant																						
Yes	0										0						7	0	86	0	14	850
No	63	14	22	28	44	15	24	6	10	849	39	21	41	28	10	848	14917	23	48	18	11	849
Gender																						
Female	23	7	30	11	48	4	17	1	4	854	16	25	44	25	6	851	7198	30	48	15	7	853
Male	40	7	18	17	43	11	28	5	13	846	23	17	39	30	13	846	7726	17	49	21	14	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						807	9	41	32	18	842
No	62	14	23	28	45	14	23	6	10	849	38	21	42	26	11	848	14117	24	49	17	10	850
Gifted/talented program																						
Yes	3										2						592	71	28	1	0	867
No	60	12	20	27	45	15	25	6	10	848	37	19	41	30	11	847	14332	21	49	19	11	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	1	20	2	40	1	20	1	20	846	5	0	50	50	0	846	9	10	39	24	26	841
B. less than one hour	45	8	29	13	46	6	21	1	4	852	50	26	47	21	5	851	46	20	50	20	11	849
C. one to two hours	45	5	18	12	43	7	25	4	14	847	45	18	35	29	18	846	41	28	49	15	7	852
D. more than two hours	2	0	0	1	100	0	0	0	0	850	0						5	28	44	15	12	850
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	35	8	36	12	55	1	5	1	5	857	39	40	47	7	7	855	33	31	48	14	7	853
B. They match some of what I have learned.	40	6	24	13	52	4	16	2	8	851	39	13	53	27	7	849	53	21	51	19	9	849
C. They match just a little of what I have learned.	19	0	0	2	17	7	58	3	25	833	18	0	14	57	29	833	11	14	41	25	20	844
D. There is no match.	5	0	0	1	33	2	67	0	0	841	3	0	0	100	0	840	3	6	34	26	35	836
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	26	6	38	7	44	1	6	2	13	853	24	44	22	11	22	851	31	42	44	8	6	857
B. good	47	7	24	16	55	5	17	1	3	853	47	17	61	17	6	850	49	19	54	19	9	849
C. fair	16	0	0	3	30	7	70	0	0	840	18	0	14	86	0	839	18	5	42	31	22	840
D. poor	11	1	14	2	29	1	14	3	43	837	11	25	50	0	25	848	2	4	29	32	34	835
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	24	3	20	5	33	4	27	3	20	843	21	25	25	25	25	842	15	16	44	22	18	845
B. about the same as my regular schoolwork	55	9	26	18	53	4	12	3	9	853	55	19	57	14	10	851	65	23	49	18	9	850
C. easier than my regular schoolwork	21	2	15	5	38	6	46	0	0	847	24	22	22	56	0	848	19	30	49	14	8	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	16	0	0	3	33	4	44	2	22	835	14	0	40	40	20	835	9	8	33	28	31	838
B. Most of the passages were about the same as what I normally read.	52	8	27	11	37	8	27	3	10	849	57	25	35	30	10	848	53	17	51	21	11	848
C. Most of the passages were easier than what I normally read.	33	6	32	12	63	1	5	0	0	859	29	30	60	10	0	858	38	36	48	11	5	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	51	7	23	12	40	7	23	4	13	848	56	30	25	25	20	846	43	23	48	19	10	849
B. I tried about the same as I do on my regular schoolwork.	41	6	25	11	46	5	21	2	8	850	36	15	62	23	0	851	51	25	49	17	9	851
C. I did not try as hard on this test as I do on my regular schoolwork.	8	1	20	2	40	2	40	0	0	854	8	0	33	67	0	847	6	9	43	24	23	842
How much time do you spend reading at home each day?																						
A. more than one hour	15	2	22	6	67	1	11	0	0	856	18	14	71	14	0	856	18	31	47	13	9	852
B. 20 minutes to an hour	55	11	32	13	38	7	21	3	9	852	55	29	33	24	14	848	41	28	49	15	7	852
C. less than 20 minutes	10	0	0	3	50	2	33	1	17	843	5	0	0	100	0	840	13	20	49	18	12	848
D. I rarely read at home.	21	1	8	6	46	4	31	2	15	840	21	13	50	25	13	844	28	12	47	26	16	844
How do you feel about the following statement? <i>"My knowledge of reading will be useful to me as an adult."</i>																						
A. strongly agree	27	8	47	8	47	1	6	0	0	861	26	50	40	10	0	861	43	31	48	14	7	853
B. agree	63	6	15	18	46	11	28	4	10	847	66	12	44	32	12	845	48	18	50	20	12	848
C. disagree	10	0	0	2	33	2	33	2	33	832	8	0	33	33	33	832	6	11	43	24	21	843
D. strongly disagree	0										0						2	6	36	32	26	839
Optional school/SAU question																						
A.	33	0	0	1	50	0	0	1	50	827	40	0	50	0	50	827						
B.	33	0	0	1	50	1	50	0	0	843	20	0	0	100	0	836						
C.	33	0	0	0	0	1	50	1	50	830	40	0	0	50	50	830						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 861–880)	2005-2006	8	10	6	11	1714	11
	2006-2007	9	14	7	14	1952	13
	2007-2008	8	13	3	8	1657	11
	Cum. Total*	25	12	16	11	5323	11
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 841–860)	2005-2006	25	31	16	29	5533	34
	2006-2007	23	37	15	29	5870	38
	2007-2008	21	33	12	31	5956	40
	Cum. Total*	69	33	43	29	17359	37
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 829–840)	2005-2006	28	35	20	36	4764	29
	2006-2007	16	25	14	27	3982	26
	2007-2008	22	35	15	38	3729	25
	Cum. Total*	66	32	49	34	12475	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 800–828)	2005-2006	20	25	14	25	4251	26
	2006-2007	15	24	15	29	3534	23
	2007-2008	12	19	9	23	3579	24
	Cum. Total*	47	23	38	26	11364	24

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.4	52.5	7.5	46.9	8.4	52.5
Cluster 2: Shape and Size	14	25	6.1	43.6	5.4	38.6	5.9	42.1
Cluster 3: Mathematical Decision Making	8	14	5.1	63.8	4.8	60.0	4.6	57.5
Cluster 4: Patterns	18	32	8.6	47.8	7.8	43.3	8.9	49.4

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 8
 SAU: Wiscasset School Department
 School: Wiscasset Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	63	8	13	21	33	22	35	12	19	842	39	8	31	38	23	838	14921	11	40	25	24	841
Ethnicity																						
African American/Black	2										1						352	2	23	23	52	828
American Indian or Native Alaskan	0										0						117	5	22	33	39	832
Asian or Pacific Islander	0										0						181	24	42	20	14	848
Hispanic	0										0						131	7	34	26	33	836
Caucasian/White	61	8	13	19	31	22	36	12	20	841	38	8	29	39	24	837	14140	11	41	25	23	841
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	1	8	2	15	10	77	821	10	0	10	10	80	819	2265	1	14	22	62	824
No	50	8	16	20	40	20	40	2	4	847	29	10	38	48	3	844	12656	13	45	26	17	844
Current LEP																						
Yes	0										0						315	5	24	20	51	828
No	63	8	13	21	33	22	35	12	19	842	39	8	31	38	23	838	14606	11	40	25	23	841
Economically disadvantaged																						
Yes	27	2	7	8	30	11	41	6	22	837	18	6	33	33	28	835	5217	5	30	29	37	834
No	36	6	17	13	36	11	31	6	17	846	21	10	29	43	19	840	9704	15	45	23	17	845
Migrant																						
Yes	0										0						7	0	43	43	14	838
No	63	8	13	21	33	22	35	12	19	842	39	8	31	38	23	838	14914	11	40	25	24	841
Gender																						
Female	23	1	4	11	48	6	26	5	22	843	16	0	44	31	25	839	7199	11	40	26	23	841
Male	40	7	18	10	25	16	40	7	18	841	23	13	22	43	22	837	7722	11	40	24	25	841
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						806	3	20	30	47	831
No	62	8	13	21	34	21	34	12	19	842	38	8	32	37	24	838	14115	12	41	25	23	842
Gifted/talented program																						
Yes	3										2						592	58	39	2	1	864
No	60	6	10	20	33	22	37	12	20	841	37	5	30	41	24	837	14329	9	40	26	25	840

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	8 45 45 2	1 6 1 0	20 21 4 0	1 7 12 1	20 25 43 100	3 10 9 0	60 36 32 0	0 5 6 0	0 18 21 0	845 844 839 860	5 50 45 0	0 11 6 6	0 32 35 35	100 37 35 35	0 21 24 24	833 840 837 837	9 46 41 5	5 10 14 14	30 40 42 38	23 26 25 23	41 25 19 24	833 840 843 842
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	42 47 10 2	6 2 0 0	23 7 0 0	10 10 1 0	38 34 17 0	6 11 5 0	23 38 83 0	4 6 0 1	15 21 0 100	848 839 840 810	53 39 5 3	15 0 0 0	40 27 0 0	30 47 100 0	15 27 0 100	844 833 839 810	30 50 17 4	17 10 6 3	43 42 32 18	22 26 29 25	18 22 33 54	845 841 836 828
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	32 45 16 6	7 1 0 0	35 4 0 0	6 13 2 0	30 46 20 0	6 8 6 2	30 29 60 50	1 6 2 2	5 21 20 50	853 840 833 825	24 47 18 11	22 6 0 0	33 39 29 0	44 28 57 50	0 28 14 50	849 838 834 825	26 45 23 5	29 7 1 1	46 46 26 14	14 27 34 29	11 20 38 57	851 841 833 827
How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	20 57 23	1 2 5	8 6 36	2 12 6	17 34 43	5 15 2	42 43 14	4 6 1	33 17 7	835 839 855	16 62 22	17 4 13	0 30 50	33 48 25	50 17 13	829 838 846	34 52 13	4 10 33	35 43 40	28 26 14	32 21 13	836 842 852
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	43 52 5	5 3 0	20 10 0	3 14 1	12 47 33	12 8 2	48 27 67	5 5 0	20 17 0	840 844 842	43 49 9	20 0 0	13 41 33	40 41 67	27 18 0	839 838 842	44 50 6	10 13 9	40 42 27	26 24 27	25 21 38	840 843 835
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	5 8 27 60	0 0 4 4	0 0 24 11	1 0 2 18	33 0 12 49	1 2 7 12	33 40 41 32	1 3 4 3	33 60 24 8	831 828 841 846	8 8 26 58	0 0 20 5	33 0 0 50	33 33 40 41	33 67 40 5	831 826 833 843	9 16 28 48	6 8 12 13	38 38 41 40	27 27 27 23	29 27 21 24	837 839 843 842
How often do you use calculators in mathematics class? A. almost every day B. two or three times a week C. two or three times each month D. never or almost never	6 15 37 42	0 3 3 2	0 33 13 8	2 1 9 9	50 11 39 35	1 2 8 11	25 22 35 42	1 3 3 4	25 33 13 15	838 841 845 841	5 13 42 39	0 0 13 7	50 20 31 33	0 20 44 47	50 60 13 13	829 828 842 839	38 33 18 11	14 10 10 7	42 41 36 34	23 26 27 26	21 23 27 33	843 841 840 836
How do you feel about the following statement? “My knowledge of mathematics will be useful to me as an adult.” A. strongly agree B. agree C. disagree D. strongly disagree	56 38 3 3	8 0 0 0	24 0 0 0	10 10 0 0	29 43 0 0	12 8 1 1	35 35 50 50	4 5 1 1	12 22 50 50	846 839 825 822	49 43 5 3	17 0 0 0	28 38 0 0	39 44 50 0	17 19 50 100	842 837 825 814	54 38 6 2	14 8 6 3	44 36 31 23	23 27 28 25	18 28 36 49	844 838 835 831
Optional school/SAU question A. B. C. D.	33 33 33 0	0 0 0 0	0 0 0 0	0 1 0 0	0 50 0 0	1 0 0 0	50 0 0 0	1 1 1 2	50 50 100 100	828 841 810 810	40 20 40 0	0 0 0 0	0 0 0 0	50 0 0 100	50 100 810 810	828 822 810 810						

SCIENCE AND TECHNOLOGY RESULTS

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 861–880)	2005-2006	6	7	3	5	1879	12
	2006-2007	9	14	5	10	2192	14
	2007-2008	7	11	3	8	2371	16
	Cum. Total*	22	11	11	8	6442	14
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 841–860)	2005-2006	48	59	32	57	8604	53
	2006-2007	31	49	25	50	7916	52
	2007-2008	29	47	18	47	7630	51
	Cum. Total*	108	52	75	52	24150	52
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 831–840)	2005-2006	12	15	10	18	3618	22
	2006-2007	18	29	14	28	3340	22
	2007-2008	17	27	10	26	3175	21
	Cum. Total*	47	23	34	24	10133	22
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 800–830)	2005-2006	15	19	11	20	2174	13
	2006-2007	5	8	6	12	1865	12
	2007-2008	9	15	7	18	1731	12
	Cum. Total*	29	14	24	17	5770	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	14	25	8.0	57.1	7.7	55.0	8.1	57.9
Cluster 2: Physical Sciences	14	25	6.1	43.6	5.8	41.4	7.3	52.1
Cluster 3: Earth and Space Sciences	14	25	7.2	51.4	6.7	47.9	7.7	55.0
Cluster 4: Nature and Implications of Science	14	25	7.9	56.4	7.3	52.1	8.5	60.7

Cluster 1: Life Sciences

- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences

- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences

- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine’s 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at <http://www.maine.gov/education/lslat/gles.htm>.

SCIENCE AND TECHNOLOGY RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 8
 SAU: Wiscasset School Department
 School: Wiscasset Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	62	7	11	29	47	17	27	9	15	844	38	8	47	26	18	842	14907	16	51	21	12	847
Ethnicity																						
African American/Black	2										1						349	4	35	26	34	837
American Indian or Native Alaskan	0										0						117	8	40	28	24	840
Asian or Pacific Islander	0										0						181	20	50	15	15	849
Hispanic	0										0						131	5	50	22	23	842
Caucasian/White	60	7	12	27	45	17	28	9	15	844	37	8	46	27	19	842	14129	16	52	21	11	848
Not Reported	0										0						0					
Identified disability																						
Yes	12	1	8	1	8	5	42	5	42	834	9	11	0	44	44	834	2258	3	29	31	37	836
No	50	6	12	28	56	12	24	4	8	847	29	7	62	21	10	844	12649	18	55	20	7	850
Current LEP																						
Yes	0										0						315	4	29	25	42	834
No	62	7	11	29	47	17	27	9	15	844	38	8	47	26	18	842	14592	16	52	21	11	848
Economically disadvantaged																						
Yes	27	1	4	14	52	7	26	5	19	841	18	0	56	22	22	838	5206	8	45	28	20	842
No	35	6	17	15	43	10	29	4	11	847	20	15	40	30	15	845	9701	20	55	18	7	850
Migrant																						
Yes	0										0						7	29	57	14	0	852
No	62	7	11	29	47	17	27	9	15	844	38	8	47	26	18	842	14900	16	51	21	12	847
Gender																						
Female	22	2	9	13	59	5	23	2	9	845	15	7	60	20	13	844	7196	14	52	23	12	847
Male	40	5	13	16	40	12	30	7	18	844	23	9	39	30	22	840	7711	18	51	20	12	848
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						804	6	38	34	22	841
No	61	7	11	29	48	16	26	9	15	844	37	8	49	24	19	842	14103	16	52	21	11	848
Gifted/talented program																						
Yes	3										2						592	63	35	1	0	865
No	59	5	8	28	47	17	29	9	15	843	36	6	47	28	19	841	14315	14	52	22	12	847

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE AND TECHNOLOGY RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Wiscasset School Department
School: Wiscasset Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	8 45 45 2	0 5 2 0	0 18 7 0	3 13 12 1	60 46 43 100	1 7 9 0	20 25 32 0	1 3 5 0	20 11 18 0	846 846 842 854	5 50 45 0	0 11 6 	50 53 41 	0 26 29 	50 11 24 	837 843 841 	9 46 41 5	10 14 19 19	40 52 53 47	26 22 19 21	23 12 9 14	842 847 849 848
How well do the questions that you have just been given on this MEA test match what you have learned in school about science? A. The questions on the test match what I have learned in science class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	23 39 26 11	3 3 1 0	21 13 6 0	7 14 5 2	50 58 31 29	2 5 6 4	14 21 38 57	2 2 4 1	14 8 25 14	848 847 840 839	27 38 24 11	20 7 0 0	50 50 33 50	10 29 33 50	20 14 33 0	846 842 836 841	29 49 18 5	19 16 13 9	54 51 51 39	19 22 23 29	9 11 13 23	849 848 846 842
Which of the following best describes how you rate yourself as a student in science? A. very good B. good C. fair D. poor	8 64 25 3	1 5 1 0	20 13 7 0	2 19 7 0	40 49 47 0	2 10 3 2	40 26 20 100	0 5 4 0	0 13 27 0	847 845 842 836	11 70 16 3	25 4 17 0	50 50 33 0	25 27 17 100	0 19 33 0	850 841 841 834	23 54 20 3	28 15 5 2	51 55 45 35	13 21 32 34	8 9 18 29	853 848 842 838
How difficult was the science part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	44 51 5	3 3 1	12 10 33	10 16 1	38 53 33	9 8 0	35 27 0	4 3 1	15 10 33	842 845 848	39 53 8	7 5 33	43 53 33	36 26 0	14 16 33	840 843 848	27 59 13	15 15 21	49 53 51	22 22 18	14 10 10	846 848 850
How hard did you try on the science part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	44 39 16	4 1 2	15 4 20	14 13 2	52 54 20	7 6 4	26 25 40	2 4 2	7 17 20	846 843 844	49 43 8	11 0 33	56 50 0	22 31 33	11 19 33	843 841 845	40 55 5	15 17 12	51 53 41	22 21 25	12 10 22	847 848 843
Which courses do you plan to take before you graduate from high school? A. earth and space science and/or biology B. the course(s) described in A, plus chemistry C. the course(s) described in B, plus physics D. a life science and physical science class	29 19 24 28	2 0 3 2	12 0 21 13	8 7 6 7	47 64 43 44	5 3 3 4	29 27 21 25	2 1 2 3	12 9 14 19	844 843 848 845	31 20 17 31	9 0 17 9	55 57 50 36	27 29 17 27	9 14 17 27	843 842 846 840	25 24 22 29	11 18 30 8	53 53 47 52	23 20 14 27	13 10 8 14	846 849 853 844
How do you feel about the following statement? <i>“My knowledge of science and technology will be useful to me as an adult.”</i> A. strongly agree B. agree C. disagree D. strongly disagree	20 49 26 5	2 5 0 0	17 17 0 0	5 17 7 0	42 57 44 0	4 5 5 2	33 17 31 67	1 3 4 1	8 10 25 33	844 848 840 835	26 39 34 0	10 13 0 	50 53 38 	30 20 31 	10 13 31 	843 845 837 	27 54 15 4	23 15 10 7	51 53 50 39	17 21 26 30	9 11 14 24	851 847 845 841
How well does the following statement reflect your future goals? <i>“I am interested in a career related to science, technology, engineering, or mathematics.”</i> A. strongly agree B. agree C. disagree D. strongly disagree	18 44 26 11	2 4 1 0	18 15 6 0	5 11 9 3	45 41 56 43	1 9 5 2	9 33 31 29	3 3 1 2	27 11 6 29	844 845 845 841	16 51 24 8	17 5 11 0	33 53 44 33	0 32 33 33	50 11 11 33	839 842 844 837	25 37 26 12	24 15 12 8	52 50 53 48	15 22 23 28	8 12 12 15	851 847 846 844
Optional school/SAU question A. B. C. D.	33 33 33 0	0 0 0 	0 0 0 	0 1 0 	0 50 0 	1 1 0 	50 50 0 	1 0 2 	50 0 100 	831 844 825 	40 20 40 0	0 0 0 	50 100 0 	50 0 100 	831 834 825 							

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number